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The following Listing of the Claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of The Claims:

1. (Previously Amended) A conditionally immortalized cell established from a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced, and wherein the cell exhibits an inside-outside polarity when cultured in vitro, and is capable of taking up a drug, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene.
2. (Original) The immortalized cell according to claim 1, wherein the transgenic animal is a rat.
3. (Currently Amended) An established cell ~~derived~~ established from retinal capillary endothelial cells, which expresses a temperature sensitive SV40 large T-antigen gene, GLUT-1 transporter, and p-glycoprotein, and wherein the cell exhibits an inside-outside polarity when cultured in vitro, and is capable of taking up a drug, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene.
4. (Original) The established cell according to claim 3, having a deposition number of FERM BP-6507.
5. (Currently Amended) A method of establishing a conditionally immortalized cell which expresses a temperature sensitive SV40 large T-antigen gene, GLUT-1 transporter, and p-glycoprotein, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene, the method comprising treating retinal capillary vessels of a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced with protease, and subculturing the resulting cells at 33°C, and identifying said conditionally immortalized cell.

6. (Previously Amended) An established cell which expresses a temperature sensitive SV40 large T-antigen gene, GLUT-1 transporter, and p-glycoprotein, and wherein the cell exhibits an inside-outside polarity when cultured in vitro, and is capable of taking up a drug, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene, the cell obtained by treating retinal capillary vessels of a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced with protease and subculturing the resulting cells at 33°C.

7. (Currently Amended) An established cell ~~derived established~~ from choroid plexus epithelial cells, wherein the cell exhibits an inside-outside polarity when cultured in vitro, and is capable of taking up a drug, which expresses a temperature sensitive SV40 large T-antigen gene, shows localization of  $\text{Na}^+ \text{-K}^+$  ATPase and GLUT-1 transporter in the cell membrane, and when cultured in a monolayer, shows the localization of  $\text{Na}^+ \text{-K}^+$  ATPase in the apical side, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene.

8. (Original) The established cell according to claim 7, having a deposition number of FERM BP-6508.

9. (Currently Amended) A method of establishing a conditionally immortalized cell which expresses a temperature sensitive SV40 large T-antigen gene, shows localization of  $\text{Na}^+ \text{-K}^+$  ATPase and GLUT-1 transporter in the cell membrane, and when cultured in a monolayer, shows the localization of  $\text{Na}^+ \text{-K}^+$  ATPase in the apical side, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene, the method comprising treating choroidal epithelium tissues of a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced with protease, and subculturing the resulting cells at 33°C, and identifying said conditionally immortalized cell.

10. (Previously Amended) An established cell which expresses a temperature sensitive SV40 large T-antigen gene, wherein the cell exhibits an inside-outside polarity when cultured in vitro,

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and is capable of taking up a drug, and shows localization of Na<sup>+</sup>-K<sup>+</sup> ATPase and GLUT-1 transporter in the cell membrane, and when cultured in a monolayer, shows the localization of Na<sup>+</sup>-K<sup>+</sup> ATPase in the apical side, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene, which is obtained by treating choroidal epithelium tissues of a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced with protease and subculturing the resulting cells at 33°C.

11. (Currently Amended) An established cell ~~derived~~ established from brain capillary endothelial cells, wherein the cell exhibits an inside-outside polarity when cultured in vitro, and is capable of taking up a drug, which expresses a temperature sensitive SV40 large T-antigen, GLUT-1 transporter, p-glycoprotein, alkaline phosphatase, and γ- glutamyltransferase, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene.

12. (Original) The established according to claim 3, having a deposition number of FERM BP-6873.

13. (Currently Amended) A method of establishing a conditionally immortalized cell which expresses a temperature sensitive SV40 large T-antigen gene, GLUT-1 transporter, p-glycoprotein, alkaline phosphatase, and γ-glutamyltransferase, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene, the method comprising treating brain capillary vessels of a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced with protease, and subculturing the resulting cells at 33°C, and identifying said conditionally immortalized cell.

14. (Previously Amended) An established cell which expresses a temperature sensitive SV40 large T-antigen gene, GLUT-1 transporter, p-glycoprotein, alkaline phosphatase and γ-

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glutamyltransferase, and wherein the cell exhibits an inside-outside polarity when cultured in vitro, and is capable of taking up a drug, wherein the cell is capable of growing at 33 °C, and wherein the cell does not contain a heterologous antibiotic resistance gene, the cell obtained by treating brain capillary vessels of a transgenic animal into which a large T-antigen gene of SV40 temperature sensitive mutant tsA58 has been introduced with protease and subculturing the resulting cells at 33°C.